

20030205.qrp v02_n822.qrl.20030205

Date: Wed, 5 Feb 2003 19:03:11 EST
From: qrp-l@Lehigh.EDU
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: QRP-L digest 2822

QRP-L Digest 2822

Topics covered in this issue include:

- 1) [145761] Re: New countries?
by Elliott Lawrence <edl@pacbell.net>
- 2) [145762] 'Next' latest project
by Bob Liesenfeld <wb0poq@visi.com>
- 3) [145763] RE: Gooney gray pudding reactance calculator
by Nick Kennedy <nkennedy@tcainternet.com>
- 4) [145764] Re: fox qso
by "Tom Palmer" <n1tp@swfla.rr.com>
- 5) [145765] Re: fox qso
by Tim Groat <tcgroat@earthlink.net>
- 6) [145766] Radio Shack Power Supply
by "Alan Kaul, W6RCL" <alan.kaul@worldnet.att.net>
- 7) [145767] Re: SMT work
by Nelson Winter <thenels@go.com>
- 8) [145768] Re: fox qso
by Bill ROWLETT <kc4atu@yahoo.com>
- 9) [145769] Elecraft K2 CW Envelope Scope Pic
by John Seney <wd1v@amsat.org>
- 10) [145770] Re: [PIC] Using OTP chips
by Dan Tayloe <dtayloe@cox.net>
- 11) [145771] N7VE SWR Indicator LED?
by "Dennis Payton" <dpayton@fwi.com>
- 12) [145772] Re: fox qso
by W2AGN <w2agn@w2agn.net>
- 13) [145773] Looking for a Norcal Cascade
by "Gene Sailsbury" <gsailsbury@mobil1.net>
- 14) [145774] Re: fox qso
by palmer_t <ThomasPalmer@colliergov.net>
- 15) [145775] Re: N7VE SWR Indicator LED?
by Chuck Carpenter <w5usj@9plus.net>
- 16) [145776] FSQRP Wednesday Warble
by "David Bixler" <qrp@netins.net>
- 17) [145777] Re: RFI Caused by Touch Lamp?
by Steven Weber <kd1jv@moose.ncia.net>
- 18) [145778] Re: Radio Shack Power Supply
by "M. J. Powell" <mike@pickmere.demon.co.uk>
- 19) [145779] LF RX Loop article

- by Alex <kr1st@amsat.org>
- 20) [145780] Re: fox qso
by Ed Lawson <k1vp@grizzly.com>
- 21) [145781] OT: Trade or Sell
by Patrick Gardella <pgardella@yahoo.com>
- 22) [145782] New Book - WOW!
by "Bill Kelsey - N8ET - Kanga US" <kanga@bright.net>
- 23) [145783]
by Tayloe Dan-P26412 <Dan.Tayloe@motorola.com>
- 24) [145784] FOX: Week 14 Announcement
by Pat Cain <pcain@ix.netcom.com>
- 25) [145785] Brian Kassel Please Read
by "Davies, Doug A FOR:EX" <Doug.Davies@gems3.gov.bc.ca>
- 26) [145786] Neat DX map freeware
by ae5x@netscape.net (John Harper AE5X)
- 27) [145787] Re: Neat DX map freeware
by ae5x@netscape.net (John Harper AE5X)
- 28) [145788] FOX: Fox Contact
by "Karl F. Larsen" <k5di@zianet.com>
- 29) [145789] Touch Lamp RFI
by "Stuart Rohre" <rohre@arlut.utexas.edu>
- 30) [145790] Looking for DX-20 Heathkit Transformer
by Carol L Maher <w4clm.ham@juno.com>

Date: Tue, 04 Feb 2003 15:29:22 -0800
From: Elliott Lawrence <edl@pacbell.net>
To: elbc2@zwi.net
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [145761] Re: New countries?
Message-ID: <3E404CD2.29A16D03@pacbell.net>
MIME-version: 1.0
Content-type: text/plain; charset=us-ascii
Content-transfer-encoding: 7BIT

Should be no change in country status. This is just an official recognition of what is left of the old Yugoslavia (Serbia + Montenegro). Call signs are unchanged.

73
Elliott WA6TLA

Pastor-kc1di wrote:

> Just heard that Yugoslavia is going to cease to be a country tonight in It
> s place will be 2 Rebulic Serbia and Montenegro . Anyone know what the
> call signs will be ?

>
> on a more QRP note. What is the best core to use for a transmatch coil?
> 73 Dave kc1di

Date: Tue, 04 Feb 2003 18:11:11 -0600
From: Bob Liesenfeld <wb0poq@visi.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [145762] 'Next' latest project
Message-ID: <3E40569E.A89C7F6@visi.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi gang,

I found a couple of old xtals from a scanner in the 16MHz range. This got me to thinking about playing with xtal harmonic oscillators with an eye towards using it to make an injection chain to use in a 144 to 10MHz converter (to be built at some future date).

Well, after lots of playing around I now have a harmonic oscillator, doubler stage, and a dual gate MOSFET mixer converting the low end of 2 meters down to 10MHz which feeds into my SP-600. Now if only there was some 2m CW or SSB activity around here. :-/ It does however do a credible job of receiving FM simplex and rpters using slope detection.

If anyone would like a copy of the skez, I'll scan it to a gif file and post it off to you.

72
Bob WB0POQ

Date: Tue, 4 Feb 2003 19:03:08 -0600
From: Nick Kennedy <nkennedy@tcainternet.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [145763] RE: Gooley gray pudding reactance calculator
Message-ID: <01C2CC80.0F0D3840.nkennedy@tcainternet.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

Good one, Shawn. Of course needing to take the SQRT raises the degree of

difficulty a bit.

The 2π doesn't go under the square root sign though, so

$$F\text{-resonance} = 0.16/\sqrt{L \cdot C}$$

Now, to save wear and tear on the old melon, let's pre-process all the powers of ten. If we're talking μH and pF , we end up with a factor of $1\text{E-}18$ under the SQRT sign, which gives $1\text{E-}9$ when you take it out and $1\text{E}9$ when you move it to the numerator. So the new stripped down formula ...

$$F\text{-res} = 160 \text{ MHz}/\text{SQRT}(L \cdot C), \text{ where } L \text{ is in } \mu\text{H} \text{ and } C \text{ in } \text{pF}.$$

See if it works ... how about a $4.7 \mu\text{H}$ inductor and a 100 pF cap. Firgure $\text{SQRT}(4.7 * 100) = \text{SQRT}(470)$... somewhat bigger than 20, call it 22. Now divide 22 into 160 MHz and call it halfway between 7 and 8, or 7.5 MHz.

Now see what Mr. Excel thinks the answer is ... 7.341 MHz.

Not too bad. Now we can throw away all our expensive calculators and computers. Ship yours to me for proper disposal.

72--Nick, WA5BDU

On Monday, February 03, 2003 7:53 AM, Upton, Shawn

[SMTP:SUpton@ALLEGROMICRO.com] wrote:

> I try to remember that $1/6.28$ is about 0.16, or 0.159, to be more precise.

> So, if you were doing $1/\sqrt{2\pi \cdot L \cdot C}$, you could shorten it to

> $1/0.4/\sqrt{L \cdot C}$, or $2.5/\sqrt{L \cdot C}$.

>

> For the rest of the math, I'd shorten to only 2 digits significant numbers,

> and use a few short cuts, like $\sqrt{10}$ is 3.3, etc. Of course, these days,

> one can buy cheap solar powered calculators, like a TI-25x for 13 bucks or

> similar.

>

Date: Tue, 4 Feb 2003 21:24:59 -0500

From: "Tom Palmer" <n1tp@swfla.rr.com>

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Subject: [145764] Re: fox qso

Message-ID: <000301c2ccbd\$c85e3e60\$6b2a0843@swfla.rr.com>

MIME-Version: 1.0
Content-Type: text/plain;
charset="Windows-1252"
Content-Transfer-Encoding: 7bit

The following is NOT correct: "At the end of the hunt, what is in the log is in the log." Most FOXes know that at the end of the hunt the mess of information that is the basis for the "log" oftens consists of hardly legible notes on pieces of paper, chicken scratches on various unorganized scraps of paper, notes, or whatever. It's not at all unusual for a FOX to forget to include a Hound's valid QSO in the preliminary log. If the FOX concludes that - in error - he failed to include a valid QSO in the log, the FOX is allowed (encouraged) to add the missing QSO in the Log. The policy is: No Hound is to lose a well-earned pelt because the FOX forgot to include that QSO in the log.

Tom, N1TP
Naples, Florida

Date: Tue, 04 Feb 2003 20:41:03 -0700
From: Tim Groat <tcgroat@earthlink.net>
To: qrp-l@lehigh.edu
Subject: [145765] Re: fox qso
Message-ID: <5.1.1.6.2.20030204194134.00a06460@mail.earthlink.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

A good fox hunt protocol follows effective contest and DX techniques.

If you are not absolutely certain the fox replied to your call or if you missed part of the exchange, you should verify that before sending your exchange. This can be as simple as sending your call as a question ("KR0U?"), or asking for the fill if you need one ("NAME?"). If the fox verifies the call or sends the requested fill, then you know he was answering you. Pnly then do you send the exchange.

By sending the request before your exchange, you'll be transmitting at a time when the pack is (relatively) at bay. That gives the fox the best chance to hear your request. If you send it at the end, there's a chance the pack will start howling and the fox will miss your request. If the fox wasn't calling you, then the short query reduces how long you'll be QRMing

the fox's listening frequency. That makes things go easier for everyone involved.

A short, up-front query changes the usual rhythm of the fox's transmissions. If there's no immediate response then you know the fox wasn't calling you (or didn't hear you). If you hear "TU CQ FOX UP" before you send your exchange, then you know he worked somebody else. In either case, you know you're not in the fox's log and must try, try again.

On the fox's side, if you hear more than one station trying to reply then you must repeat the call sign you're putting in the log. If you suspect a miscopied call, the same quick query method ("CALL?") works in the other direction, too. To keep the pack in line, never send "TU" until the QSO is complete.

See you in the pack!

72,

--Tim (KROU)

>palmer_t <ThomasPalmer@colliergov.net>:

>

>It is often feasible that a Hound, at the end of his reply to the FOX, can
>transmit to the FOX a request for confirmation of the Hound's call sign,
>such as, in my case: "N1TP?" This is true because the pack of hounds will
>often listen to hear whether the FOX is going to request any "fill." (The
>Hound's location, the Hound's name, and/or the Hound's power output).

Date: Tue, 4 Feb 2003 22:17:32 -0800
From: "Alan Kaul, W6RCL" <alan.kaul@worldnet.att.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [145766] Radio Shack Power Supply
Message-ID: <003b01c2ccde\$45e2e960\$b93ecd18@charterpipeline.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I have one of the RS power supply "coupon specials" from last week.

I am interested in getting a schematic (if someone buys the service manual). Because, even though the printed specs indicate it is designed to run on 100-120v AC, a lot of switching supplies will actually take up to 220v AC

input and still output 13.8v DC.... (that might be apparent from the schematic)!

If anyone knows the answer -- i.e. will the R/S power supply handle 220v AC input please let me know.

As many of you might be aware, the R/S supply is great weight for traveling (about 3.5 lbs), and if it takes European/Asian/African standard of 220v input without modification, it would make a terrific TRAVEL KIT.

Please and thanks and best 72/73 de alan

Alan Kaul, W6RCL, LaCanada, CA
w6rcl@amsat.org
<http://home.att.net/~alan.kaul/index.html>

Date: Tue, 04 Feb 2003 18:32:35 -0800 (PST)
From: Nelson Winter <thenels@go.com>
To: myetsko@insydesw.com, qrp-1@Lehigh.EDU
Subject: [145767] Re: SMT work
Message-ID: <5465344.1044412355705.JavaMail.thenels@gomailjtp01>
MIME-version: 1.0
Content-type: text/plain; charset=iso-8859-1
Content-transfer-encoding: 7BIT

I tried the tweezer technique and it didn't really work out for me. I even tried putting a rubber band on the tweezers to hold the part in place regardless of my finger pressure.

Now I use a pair of magnifying goggles and a toothpick to place the part just exactly where I want it then I use the toothpick to hold the part down while I hit it with the soldering iron... jut enough to tack it down. Then I solder all of the remaining contacts. I then go back with solder wick to pull up the excess solder that I invariably use from each contact. Its an arduous process, but the outcome seems to be superior to any other technique that I've tried.

-----Original Message-----

From: "Mike Yetsko" <myetsko@insydesw.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Date: Sun Jan 26 19:55:14 PST 2003
Subject: Re: SMT work

>> On Fri, 24 Jan 2003, Mike Yetsko wrote:

>>

>> > You don't want tweezers that squeeze too hard, or the one time you

>> > 'just barely' have a grip on a part it will shift and ZING, it's gone!
>>

Less = More

GO.com Mail

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Date: Wed, 5 Feb 2003 04:09:34 -0800 (PST)
From: Bill ROWLETT <kc4atu@yahoo.com>
To: n1tp@swfla.rr.com,
Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [145768] Re: fox qso
Message-ID: <20030205120934.33481.qmail@web14207.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

To be a fox is a responsibility to the group. This event was set up to be a learning experience and an aid to working dx pileups and other contest. It should and must be run as a contest for those reasons. If it is not, it becomes of little value to the overall group. When the time is done, it is done.

To do a contest one must be organized and prepared to manage the functions needed to be successfull. You do not log on bits of paper which can be misplaced. Learning to work a contest is not only how to time the call and break a pileup, but also how to log the event.

Like all other contest, if you are in the log, well done, if not you try again next time. Try checking to see if you are in the log over the web on a ARRL or CQ event and if not, sending the information then. The fox hunt must be treated the same.

73, bill kc4atu

Do you Yahoo!?

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<http://mailplus.yahoo.com>

Date: Wed, 5 Feb 2003 07:38:52 -0500
From: John Seney <wd1v@amsat.org>
To: qrp-1@lehigh.edu
Subject: [145769] Elecraft K2 CW Envelope Scope Pic
Message-ID: <p05100301ba66b5dcd499@[24.147.74.249]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii" ; format="flowed"

Everyone knows K2 rigs hear great and sound great. It should come as no surprise that on scope screens, K2s also look great!

Here is a link to a really gorgeous K2 Keying Envelope created with a high performance digital scope using deep (24 Million Sample) deep memory.

<http://www.qsl.net/wd1v/LECROY.JPEG>

72/73

John Seney, WD1V [FN42]
QRP ARCI 10345 K2 #1388
FIST #5014 CC: 1151
<http://www.qsl.net/wd1v>
HP Velo Recumbent Biker

Date: Wed, 05 Feb 2003 05:41:53 -0700
From: Dan Tayloe <dtayloe@cox.net>
To: Mike Yetsko <myetsko@insydesw.com>
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [145770] Re: [PIC] Using OTP chips
Message-ID: <3E410691.B68BFDCF@cox.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

The latest PIC development environment can be download for free from microchip at:

<http://www.microchip.com/1010/pline/tools/picmicro/devenv/mplabi/mplab6/index.htm>

This development environment include a simulator, which allows you to develop and debug code without any target hardware, as well as support for an inexpensive \$160 emulator for the newer 16x and 18x parts which allows single stepping, breakpoints, etc., using a PIC in real hardware.

- Dan, N7VE

Mike Yetzko wrote:

>
> > If you go from a 16x part to another 16x part, things should go across
> > much better. I transported code from a 16x part to a 12x part and had
> > to redo some things. I found that the interrupts were detected
> > differently and the stack size was very small. The stack size was a
> > bigger limitation since that meant that the code had to be really flat.
> >
> > There are EPROM parts to go with all the OTP parts. When I was
> > developing code the the SSS frequency counter, I used three EPROM
> > parts. I could be programing one while the other two were erasing.
> >
> > PICs are nice from the point of view that the software simulator is
> > free, they have an inexpensive debugger module for only \$160, and they
> > are cheap and readily available.
> >
> > - Dan Tayloe, N7VE; Phoenix, Az; Az ScQRPions
>
> Not that I'm going to change back now, but I gave up on the PIC parts
> because, well, not really. I had a problem with the little 8-pin guy and
> I chased and chased the problem it seemed forever. Eventually I felt
> the problem was insurmountable so I canned the part and went to a
> Zilog Z8+. The whole 'ice' for that thing was only \$99.
>
> If I had gotten hold of a some kind of simulator I might have stayed with
> the part.
>
> Like I said, I have the Z8+ setup and the design has been shipping, so
> I'm not going to change. It's just that I still have the PICStart setup
> and
> a number of EPROM as well as OTP parts just laying around....
>
> Where can someone get the free simulator?
>
> Mike

Date: Wed, 5 Feb 2003 08:05:56 -0500
From: "Dennis Payton" <dpayton@fwi.com>
To: <qrp-1@Lehigh.EDU>
Subject: [145771] N7VE SWR Indicator LED?
Message-ID: <05e001c2cd17\$52664090\$05a854d1@6300us>
MIME-Version: 1.0

Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

The N7VE ScQRPian Visual SWR Indicator recommends a Radio Shack LED that's no longer available and I'm out of them. Any fairly bright clear LED that I've tried seems to work fine but could someone tell me the recommended specs, and/or if they're actually that critical for best performance? I fear that changing the specs. bridge-to-bridge might cause some confusion when I don't have a perfect match.

Thanks, Denny N9JXY

Date: Wed, 05 Feb 2003 09:01:44 -0500 (Eastern Standard Time)
From: W2AGN <w2agn@w2agn.net>
To: kc4atu@yahoo.com, qrp-1@Lehigh.EDU
Subject: [145772] Re: fox qso
Message-ID: <3E411948.00000D.49247@w2agn>
MIME-version: 1.0
Content-type: Text/Plain
Content-transfer-encoding: 7BIT

As most of you know, rarely do I AGREE 100% with anyone, but on this one, I do. Bill has said it all.

John W2AGN

-----Original Message-----

From: kc4atu@yahoo.com
Date: Wednesday, February 05, 2003 08:58:15 AM
To: Low Power Amateur Radio Discussion
Subject: Re: fox qso

To be a fox is a responsibility to the group. This event was set up to be a learning experience and an aid to working dx pileups and other contest. It should and must be run as a contest for those reasons. If it is not, it becomes of little value to the overall group. When the time is done, it is done.

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Learning to work a contest is not only how to time the call and break a pileup, but also how to log the event.

Like all other contest, if you are in the log, well done, if not you try again next time. Try checking to see if you are in the log over the web on a ARRL or CQ event and if not, sending the information then. The fox hunt must be treated the same.

73, bill kc4atu

Date: Wed, 5 Feb 2003 08:04:00 -0600
From: "Gene Sailsbury" <gsailsbury@mobill1.net>
To: "QRP-L" <qrp-l@Lehigh.EDU>
Subject: [145773] Looking for a Norcal Cascade
Message-ID: <007001c2cd1f\$6f4db8c0\$adc03fd8@8tracker>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Looking for a Norcal Cascade kit. Let me know the price in your email.
Thanks.
72
Gene NOMQ

Outgoing mail is certified Virus Free.
Checked by AVG anti-virus system (<http://www.grisoft.com>).
Version: 6.0.445 / Virus Database: 250 - Release Date: 1/21/2003

Date: Wed, 5 Feb 2003 09:30:56 -0500
From: palmer_t <ThomasPalmer@colliergov.net>
To: "'qrp-l@Lehigh.EDU'" <qrp-l@Lehigh.EDU>
Subject: [145774] Re: fox qso
Message-ID: <F833DC5C03BCB34EBE579DC8DC130447815F67@CWW1.bcc.colliergov.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"

I agree with Tim (KR0U). On the other hand, if the FOX sends the Hound's

call sign at the beginning and at the end of each transmission of the FOX's info to the Hound, Tim's pre-response inquiry procedure may not be necessary. Often, if not usually, it's very clear from the start that the FOX is coming back to a specific Hound, but sometimes the Hound being replied to cannot be certain until the FOX transmits the Hound's call sign at the end of the QSO. In my opinion, this is why each FOX should repeat the Hound's call sign at the end of the FOX's reply that contains the FOX's information. I often listen to the hunts and many times I'm not certain of the call sign of the Hound that the FOX has replied to until I hear the FOX drop the Hound's call sign at the end of the QSO.

Tom, N1TP
Naples, Florida

Date: Wed, 05 Feb 2003 08:42:20 -0600
From: Chuck Carpenter <w5usj@9plus.net>
To: dpayton@fwi.com,
"Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [145775] Re: N7VE SWR Indicator LED?
Message-ID: <3.0.2.32.20030205084220.007f3270@mail.9plus.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Dennis,

I've built the bridge with several different LEDs and haven't noticed any negative effects. The LED is used as the indicator in a visual voltmeter to show a null or matched condition. If you redraw the circuit in the classic wheatstone arrangement, you can see this. You could use a voltmeter across the same connection points if you wanted to. (I posted a schematic drawn both ways in the Yahoo Rock-Mite-Group, Photos, W5USJ folder.)

It seems to me that as long as the circuit is sensitive enough to light the LED to show an imbalanced condition, and it goes out with a matched condition, everything is cool. As Lew, N5ZE, pointed out to me, you can get a little more sensitivity with a 1n34 or other germanium diode in place of the silicon diode.

> Any fairly bright clear LED that
> I've tried seems to work fine but could someone tell me the recommended
> specs, and/or if they're actually that critical for best performance? I fear

Chuck Carpenter, W5USJ, Point, Rains Co., TX - EM22cv, NETXQRP #1
Rock-Mites on 80, 40, 30, 20 and 15 Meters

QRP-ARCI #5422, QRP-L #1306, QRPP-I #115, ARS #1280, SOC #57
Zombie #759, COG #11, 6 Club #201, NETXQRP <http://www.netxqrp.org>

Date: Wed, 5 Feb 2003 09:42:43 -0600
From: "David Bixler" <qrp@netins.net>
To: "'Low Power Amateur Radio Discussion'" <qrp-l@Lehigh.EDU>
Subject: [145776] FSQRP Wednesday Warble
Message-ID: <001101c2cd2d\$38f507c0\$e915b9cc@Host>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hi Gang:

Tonight, the Four State QRP Group has our weekly Wednesday Warble. All QRP'ers are invited to drop in for an informal roundtable chat session.

Look for us on or near 3580.5 KHz PSK-31 mode at 9 PM central time.

72, Dave

David Bixler W0CH
Seneca, Missouri

QRP: Little radios, Big Fun!

QRP Web Site: <http://w0ch.com>
Four State QRP Group: <http://w0ch.com/fsqrp>

Date: Wed, 05 Feb 2003 10:59:52 -0500
From: Steven Weber <kd1jv@moose.ncia.net>
To: qrp-l@lehigh.edu
Subject: [145777] Re: RFI Caused by Touch Lamp?
Message-ID: <3.0.6.32.20030205105952.007a4270@mailhost.ncia.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

I had a customer come in once and ask if I could fix a touch lamp so that it would stop interfering with a FM wireless intercom. He needed both for

his elderly, bed ridden mother.

It wasn't an easy task, as both the FM wireless intercom and the touch lamp control worked on similar frequencies and of course, were plugged into the same outlet. If I remember right, I put chokes on the touch lamp cord, which didn't help much. Then I re-did the lamp so that only the base was active as an antenna. That did the trick. While it didn't completely eliminate the interference, it did reduce it enough so that the intercom was useable.

72,
Steve, KD1JV
"Melt Solder"
White Mountains of New Hampshire
<http://www.qsl.net/kd1jv/>

Date: Wed, 5 Feb 2003 15:09:20 +0000
From: "M. J. Powell" <mike@pickmere.demon.co.uk>
To: alan.kaul@worldnet.att.net
Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [145778] Re: Radio Shack Power Supply
Message-ID: <qMQR6bMgkSQ+Ew1D@pickmere.demon.co.uk>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii; format=flowed

In message <003b01c2ccde\$45e2e960\$b93ecd18@charterpipeline.net>, "Alan Kaul, W6RCL" <alan.kaul@worldnet.att.net> writes
>I have one of the RS power supply "coupon specials" from last week.
>
Snip

>As many of you might be aware, the R/S supply is great weight for traveling
>(about 3.5 lbs), and if it takes European/Asian/African standard of 220v
>input without modification, it would make a terrific TRAVEL KIT.

230v in Europe. It might make a difference.

Mike
--
M.J.Powell

Date: Wed, 05 Feb 2003 11:36:04 -0500
From: Alex <kr1st@amsat.org>

To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [145779] LF RX Loop article
Message-ID: <3E413D74.4D873CB0@amsat.org>
MIME-version: 1.0
Content-type: text/plain; charset=us-ascii
Content-transfer-encoding: 7bit

Hi there,

While looking for info on masts I found a nice article PDF article with pictures on a LF RX loop antenna:

<http://www.highnoonfilm.com/xmgr/loop.pdf>

73,
--Alex KR1ST

Date: Wed, 05 Feb 2003 13:00:08 -0500
From: Ed Lawson <k1vp@grizzly.com>
To: ThomasPalmer@colliergov.net
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [145780] Re: fox qso
Message-ID: <3E415128.90901@grizzly.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1; format=flowed
Content-Transfer-Encoding: 7bit

palmer_t wrote:

>I often listen to the hunts and many times I'm not certain of
>the call sign of the Hound that the FOX has replied to until I hear the FOX
>drop the Hound's call sign at the end of the QSO.

>
>
>

Should be a required as part of exchange IMHO. Not that I participate that often, but when I have, this has been an issue and it is easily solved by giving the Hound's call at the end.

Ed Lawson
K1VP

Date: Wed, 5 Feb 2003 09:57:56 -0800 (PST)
From: Patrick Gardella <pgardella@yahoo.com>
To: njqrp@njqrp.org, qrp-1@Lehigh.EDU
Subject: [145781] OT: Trade or Sell
Message-ID: <20030205175756.47192.qmail@web40909.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

For sale or trade: A Belkin KVM switch (Keyboard, Video and Mouse) Clean up the shack, if you have more than one computer. Run up to 4 with one keyboard, monitor and mouse. More details below.

Not sure if there is any interest here, but I thought I'd post it here first before it goes to eBay. It's \$264 new from Belkin (without cables). I'll offer it here for \$100 with shipping included (within the US)

This product is in perfect working order. Comes with 3 KVM Cable sets.

I will also entertain trade offers:
Keys or Paddles
UHF or VHF Mobile or HT
TNC
GPS receiver
or make an offer!

Patrick N3EO (pgardella at yahoo dot com)

Detailed specs at:
[http://catalog.belkin.com/IWCatProductPage.process?
Merchant_Id=&Section_Id=1535&pcount=&Product_Id=12945&Section.Section_Path=%2FRoot
%2FPeripheralSharing%2F0mniview%2E%2E%2ESwitches%2F0mniViewSE%2F](http://catalog.belkin.com/IWCatProductPage.process?Merchant_Id=&Section_Id=1535&pcount=&Product_Id=12945&Section.Section_Path=%2FRoot%2FPeripheralSharing%2F0mniview%2E%2E%2ESwitches%2F0mniViewSE%2F)

Pics at:
http://images.belkin.com/F1D104/STD1_F1D104.jpg

(4-port) OmniView SE Belkin Part Number: F1D104 Like a humming bird you flutter from one computer to another. Monitoring each system, you sit only momentarily, then arises again only to resear yourself at another computer. With the Belkin OmniView you can switch from one computer to another using only the tip of your finger.

Control four computers with one keyboard, mouse, and monitor at the push of a

button. The 4-port
OmniView SE can easily be expanded for control over as many as 16 computers by
daisy-chaining
ports.

The Belkin Advantage:

Manage four computers with one keyboard, mouse (serial or PS/2), and monitor.

Press the Hot key to quickly change between computers.

Do you Yahoo!?
Yahoo! Mail Plus - Powerful. Affordable. Sign up now.
<http://mailplus.yahoo.com>

Date: Wed, 5 Feb 2003 13:17:34 -5
From: "Bill Kelsey - N8ET - Kanga US" <kanga@bright.net>
To: qrp-l@Lehigh.EDU, GQRP@yahooogroups.com
Subject: [145782] New Book - WOW!
Message-ID: <200302051816.h15IGnTJ001702@hagus.bright.net>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT

This morning I received a preliminary copy of the new ARRL book
"Experimental Methods in RF Design". I spent the past hour or so flipping
through the pages - it is superb! It is a good mix of design theory and
examples of gear built using the theory. The "Getting Started" chapter has
some basic guidelines for the experimenter. There is a big chapter on test
and measurement. Other chapters cover receivers, transmitters, rigs, DSP,
and more. Examples of gear built by the authors and others are all through
the book. They range from very simple to very high performance equipment.

A CD is included with the book. It has a large collection of articles and
software. The CD alone is worth the price of the book. I was surprised by the
quantity and quality of the material on the CD - a super added extra!

I spoke to ARRL a few minutes ago, and the main shipment of books has
arrived there. I will be e-mailing my order in today, and they will ship to me
tomorrow, so I should receive them Monday. That means I can start
shipping early next week, so for most of you the books should be in your
hands by the end of the week - unless I get so wrapped up in reading
EMRFD and building some of the circuits in the book that I don't have time to
pack and ship the books ;>)

For those of you that suddenly realize that you have not gotten an order in - I am going to order some extras.....

73 - Bill - N8ET

Kanga US

kanga@bright.net

<http://www.bright.net/~kanga/>

419-423-4604

Date: Wed, 5 Feb 2003 12:58:11 -0700

From: Tayloe Dan-P26412 <Dan.Tayloe@motorola.com>

To: "'dpayton@fwi.com'" <dpayton@fwi.com>

Cc: "'qrp-1@Lehigh.EDU'" <qrp-1@Lehigh.EDU>

Message-ID: <7FD24C15A06DD511BF9E00D0B73E995206FBFDA6@az33exm05.corp.mot.com>

MIME-Version: 1.0

Content-Type: text/plain;
charset="iso-8859-1"

Almost any LED will work in this bridge. I recommended the water clear LED because it is much easier to tell if it is actually lighting up or not. At least for me, when using a colored LED in bright light, it is sometimes difficult to tell if it is actually on or not as bright ambient light strikes the colored plastic and lights it up.

Beyond using a clear LED, I also recommended a high efficiency type. This ought to do a better job of converting the RF energy into viewable light. Red LEDs with an output of 1000 to 3000 mcd tend to fall in this high efficiency category and are readily available.

- Dan Tayloe, N7VE; Phoenix, Az; Az ScQRPions

>The N7VE ScQRPian Visual SWR Indicator recommends a Radio Shack LED that's
>no longer available and I'm out of them. Any fairly bright clear LED that
>I've tried seems to work fine but could someone tell me the recommended
>specs, and/or if they're actually that critical for best performance? I fear
>that changing the specs. bridge-to-bridge might cause some confusion when I
>don't have a perfect match.

>Thanks, Denny N9JXY

Date: Wed, 05 Feb 2003 15:00:16 -0600

From: Pat Cain <pcain@ix.netcom.com>

To: qrp-1@Lehigh.EDU

Subject: [145784] FOX: Week 14 Announcement

Message-ID: <5.1.1.6.0.20030205150008.02e30d20@mail.mchsi.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="iso-8859-1"; format=flowed
Content-Transfer-Encoding: quoted-printable

Calling all hounds!

I will be one of the foxes this Thursday evening along with Don, NK6A. I=20 will try to provide pelts to all who call.

I will be operating above 7.040 and Don will work below. My QTH is in a=20 suburb of Minneapolis with good propagation to most of the country, even= Texas!

Best of luck to all.

73,

Pat K=D8PC=20

Date: Wed, 5 Feb 2003 13:13:53 -0800
From: "Davies, Doug A FOR:EX" <Doug.Davies@gems3.gov.bc.ca>
To: "'qrp-l@Lehigh.EDU'" <qrp-l@Lehigh.EDU>
Subject: [145785] Brian Kassel Please Read
Message-ID: <6506849CAEBBE24E913A22806016E4060150286C@blaze.bcsc.gov.bc.ca>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

Sorry to take up QRP-L bandwidth but still can't get a message through to your e-mail address. Maybe something's haywire with ARRL.net. Anyway, thanks for the note and I'll get a money order off to you in the next couple of days.

Doug VA7DD

Date: Wed, 05 Feb 2003 16:23:40 -0500
From: ae5x@netscape.net (John Harper AE5X)
To: qrp-l@lehigh.edu
Subject: [145786] Neat DX map freeware
Message-ID: <0D1A7444.6D3002DE.00003ABB@netscape.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=iso-8859-1

Content-Transfer-Encoding: 8bit

I'm not sure where I heard about this program but wanted to share it with others on the list who may be interested. Once you download and install it, you can look at the world in 3 different projections, see current gray-line location, sunset & sunrise times in any part of the world and plot your DX contacts on various bands in different colors.

The program is available for download at:

<http://www.dxatlas.com/Download.asp>

I recommend you also download the hi-res add on as well.

--

John Harper AE5X

80 Meter DXing & Outdoor QRP: <http://www.ae5x.com>

The NEW Netscape 7.0 browser is now available. Upgrade now! <http://channels.netscape.com/ns/browsers/download.jsp>

Get your own FREE, personal Netscape Mail account today at <http://webmail.netscape.com/>

Date: Wed, 05 Feb 2003 16:28:00 -0500
From: ae5x@netscape.net (John Harper AE5X)
To: qrp-1@lehigh.edu
Subject: [145787] Re: Neat DX map freeware
Message-ID: <4167779E.05F54C30.00003ABB@netscape.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=iso-8859-1
Content-Transfer-Encoding: 8bit

Make that shareware, not freeware.

--

John Harper AE5X

80 Meter DXing & Outdoor QRP: <http://www.ae5x.com>

The NEW Netscape 7.0 browser is now available. Upgrade now! <http://channels.netscape.com/ns/browsers/download.jsp>

Get your own FREE, personal Netscape Mail account today at <http://webmail.netscape.com/>

Date: Wed, 5 Feb 2003 14:32:44 -0700 (MST)
From: "Karl F. Larsen" <k5di@zianet.com>
To: qrp-l@lehigh.edu
Subject: [145788] FOX: Fox Contact
Message-ID: <Pine.LNX.4.44.0302051336310.10395-100000@bucket.dog>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

I direct your eyes to the rules a FOX must follow if he is doing it for the QRP-L Fox Hunt. They exist at:

<http://www.cqc.org/fox/>

and are not long or hard to understand. I think most of the recent suggestions on what a Fox should do, are by people who have never been a Fox...:-)

Consider the log you keep. This is a very personal choice made by the Fox and it can be different for EVERY Fox. I am a Fox and I keep two sets of paper that have times and calls and numbers on them. One set is a scratch sheet where I first write down the call of a Hound. Often I need to hear the call twice to be sure it's correct.

Then I call the Hound and while my CMOS Keyer is sending my numbers I write down the time, and call of the hound in the other set of paper called "The Log". Then I send the Hounds call again followed by a BK and I listen to the Hound send me his data, which I write direct to the Log. If I'm sure of the Hounds Call and data I send TU when the Hound is done sending. If not I ask for fills.

This continues until you don't hear any more Hounds or it's 0400 UTC time. You should call CQ FOX if time remains and you don't hear a Hound.

I save both sets of paper. The next day I transfer the paper Log to a computer file and find I look often at the scratch paper for information that didn't make it to the log. The computer file becomes my preliminary log that is a message to the QRP-L list.

This is the Hounds first time to see if he made the log. This when a Hound finds out he didn't make the log for some reason, usually due to poor conditions.

The scratch sheets have the hen scratching's of me trying to

copy a callsign, and even some data. If a Hound sends the Fox e-mail saying HE thought we made contact at 0314 I look at the log first and then the scratch sheet. If I see his call and maybe his state or name I will add him to the log. If there is nothing I say sorry.

More often the e-mail says at 0204 when you worked w3art the name is Sam, not Dan. I correct the computer log.

How many times you send the Hounds call sign is up to you. From the times I'm a Hound it's clear you want your call sent 4 or 5 times! In general you hear it 2 times.

--

- Karl Larsen k5di Las Cruces, NM Az ScQRPions -

Date: Wed, 5 Feb 2003 15:34:12 -0600
From: "Stuart Rohre" <rohre@arlut.utexas.edu>
To: <k5xu@jam.rr.com>, <qrp-1@Lehigh.EDU>
Subject: [145789] Touch Lamp RFI
Message-ID: <00ba01c2cd5e\$534efaa0\$4e100a0a@rohredt2000>

Mike,

The touch lamps use a capacitive pickup by your touch to fire an SCR like silicon switch. Likely only by heavy bypassing, use of ferrite cores on AC cord leaving lamp and other heroic measures might quieten it. Might help it some 20 dB if it had a shorter AC cord and plugged into a 1:1 AC isolation transformer, or at least a brute force line filter like those carried by some electronics outlets for AC power entry filtering to a chassis. Some computers have those, so check junk computer stores. Buy her a new non touch lamp is the best and surest cure.

GL and 73,
Stuart K5KVH

Date: Wed, 5 Feb 2003 18:05:04 -0500
From: Carol L Maher <w4clm.ham@juno.com>
To: rarsnet@yahoogroups.com, qrp-1@Lehigh.EDU
Cc: wl7up@yahoo.com, tcromer@carolina.rr.com, scraine1@tampabay.rr.com, fcampbe1@tampabay.rr.com
Subject: [145790] Looking for DX-20 Heathkit Transformer
Message-ID: <20030205.180505.2716.3.w4clm.ham@juno.com>

MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi Guys,
I'm looking for an early transformer for an older Heathkit C.W.
transmitter.
I have an early model Heathkit DX-20 without a transformer.
Requirements are for secondary voltages of 600Vac / 5v Ac @ 3A /
and 6.3Vac @2Amps.

If anyone has got an old DX20 laying around,
or a DX35 (I believe the DX 35 had identical pwr supply)
I'd really appreciate your looking in your junk pile as I could
use the transformer and I'd like to put the Ole CW rig back on
the air.

Thanks
Carol

End of QRP-L Digest 2822
